

5    **ABSTRACT**

The present invention discloses a method whereby all data on such personal computing devices are protected by encryption in a manner transparent to the applications running on the device. The method comprises encrypting all the data records on the device,  
10    transparently intercepting all relevant data flow to and from the database, and selectively encrypting or decrypting portions of the data records as needed. Applications running on the device are unaware that the database is encrypted and thus they need not be modified, preserving the existing and future base of investment in applications.

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